

In the Specification

Applicant presents replacement paragraphs below indicating the changes with insertions indicated by underlining and deletions indicated by strikeouts. Please make the following changes to the current title:

CHARACTERIZATION COMPOSITIONS OF THE SOC/CRAC CALCIUM CHANNEL PROTEIN FAMILY

Please replace paragraph 2 beginning at page 14, line 9 with the amended paragraph/line as follows. Applicant presents this replacement paragraph to correct a typographical error for the concentration of sodium citrate.

Homologs and alleles of the SOC/CRAC nucleic acids of the invention can be identified by conventional techniques. Thus, an aspect of the invention is those nucleic acid sequences which code for SOC/CRAC polypeptides and which hybridize to a nucleic acid molecules selected from a group consisting of the nucleic acid of SEQ ID NO:1, the nucleic acid of SEQ ID NO:3, the nucleic acid of SEQ ID NO:5, the nucleic acid of SEQ ID NO:7, the nucleic acid of SEQ ID NO:23, the nucleic acid of SEQ ID NO:25, the nucleic acid of SEQ ID NO:27, the nucleic acid of SEQ ID NO:29, and the nucleic acid of SEQ ID NO:31, under stringent conditions. The term "stringent conditions" as used herein refers to parameters with which the art is familiar. Nucleic acid hybridization parameters may be found in references which compile such methods, e.g. *Molecular Cloning: A Laboratory Manual*, J. Sambrook, et al., eds., Second Edition, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York, 1989, or *Current Protocols in Molecular Biology*, F.M. Ausubel, et al., eds., John Wiley & Sons, Inc., New York. More specifically, stringent conditions, as used herein, refers, for example, to hybridization at 65°C in hybridization buffer (3.5 x SSC, 0.02% Ficoll, 0.02% polyvinyl pyrrolidone, 0.02% Bovine Serum Albumin, 2.5mMNaH₂PO₄(pH7), 0.5% SDS, 2mM EDTA). SSC is 0.15M sodium chloride/0.015M ~~0.15M~~ sodium citrate, pH7; SDS is sodium dodecyl sulphate; and EDTA is ethylenediaminetetracetic acid. After hybridization, the membrane upon which the

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DNA is transferred is washed at 2 x SSC at room temperature and then at 0.1 x SSC/0.1 x SDS at temperatures up to 68°C.